

SECRET

OXC - 4028
Copy 3 of 4

10 October 1962

MEMORANDUM FOR : Chief, Development Division, OSA-DD/R
SUBJECT : Oxygen Containers

1. Air Research Corporation has developed and is supplying Project Mercury with 7500 lbs. spherical oxygen containers. Projects Gemini and Apollo are also planning to use these containers.

2. Presently there is a limiting factor in that these containers have only been qualified to function in a 170°F environment. A higher heat profile would require improved pressure vessels. It is known that the temperature capability of the pressure reducer could be increased by substituting vicon material for the present "O" rings.



25X1

Distribution:
1-C/DD/OSA
2-DD/OSA
3-RB/OSA
4-DD (Chrono)

DOCUMENT NO. 12
NO CHANGE IN CLASS. X
11 DECLASSIFIED
CLASS. CHANGED TO: TS S C
NEXT REVIEW DATE: 2012
AUTH: HR 70.2
DATE: 100282 REVIEWER:

SECRET

25X1